

LED-BASED MODULAR LAMP

Abstract of Disclosure

A lamp (10) includes an optics module (12) and an electronics module (14, 60, 70). The optics module (10) includes a plurality of LEDs (16) arranged on a printed circuit board (18) and having a plurality of input leads, and a heat sink (22) having a conduit (40) for the input leads. The plurality of LEDs (16) thermally communicate with the heat sink (22). The electronics module (14, 60, 70) is adapted to power the plurality of LEDs (16) through the input leads. The electronics module (14, 60, 70) has a first end (52) adapted to rigidly connect with the heat sink (22), and a selected electrical connector (50, 62, 72) arranged on a second end for receiving electrical power. The electronics module (14, 60, 70) further houses circuitry (80) arranged therewithin for adapting the received electrical power (82) to drive the LEDs (16).

Figures